

## WHAT IS CLAIMED IS:

1. A flexible product dispensing pouch comprising:
  - (a) a flexible film formed into a pouch having at least a first compartment, a second compartment, and a third compartment containing a product;
  - (b) a first component disposed in said first compartment;
  - (c) a second component disposed in said second compartment, at least one of said first component and said second component being flowable; and
  - (d) a first frangible seal disposed between said first compartment and said second compartment,wherein said pouch is adapted to provide a temperature modifying reaction/event via the application of pressure to one or both of said first compartment and said second compartment to rupture said first frangible seal, and wherein said pouch is adapted to dispense said product from the third compartment.
2. The pouch of claim 1 wherein said third compartment containing a product is rupturable.
3. The pouch of claim 2 wherein said product is released via application of pressure to said third compartment;
4. The pouch of claim 3 wherein said third compartment is rendered rupturable by frangible seal.
5. The pouch of claim 1 wherein the product contained within the third compartment has at least one exit location.
6. The pouch of claim 1 wherein product is released from said third compartment pouch at a chosen location by at least one method from the following group: a pull tab, a perforated tear strip, a tab that may be cut off, a crimping device that may be removed to release product, or rupturing by means other than frangible seal such as laser scoring or a weakened region
7. The pouch of claim 1 further comprising a fluid pathway through which fluid is dispensed from said third compartment said fluid pathway being normally closed except when fluid dispensing is desired.
8. The pouch of claim 4 further comprising at least one foldable portion located adjacent said frangible seal of third compartment and wherein said pouch has a folded condition in which said foldable portion is folded and the resistance to

bursting forces of said frangible seal is significantly increased.

9. The pouch of claim 6 further comprising at least one foldable portion located adjacent said chosen location and wherein said third compartment has a folded condition in which said foldable portion is folded and the resistance to product release is significantly increased.
10. The pouch of claim 1 further comprising at least one foldable portion located on frangible seal between first compartment and second compartment and wherein said pouch has a folded condition in which said foldable portion is folded and the resistance to bursting forces of said frangible seal is significantly increased.
11. The pouch of claim 1 further comprising at least one foldable portion located between said product containing third compartment and first or second compartment and wherein said pouch has a folded condition in which said foldable portion is folded and the third compartment may be located adjacent said first compartment, second compartment, or both
12. The pouch of claim 5, wherein said exit location is located within a distribution head at some distance from the product containing portion of the third compartment.
13. The pouch of claim 12, wherein said distribution includes a baffle to redirect flow of product out of said exit location.
14. The pouch of claim 1, wherein said third compartment contains multiple reservoirs, said multiple reservoirs adapted to provide at least one function, wherein said function is selected from a group consisting of mixing, multiple dispensing, and sequential dispensing.
15. The pouch of claim 1, wherein said first or second compartment contains multiple reservoirs, said multiple reservoirs adapted to provide at least one function, wherein said function is selected from a group consisting of mixing, multiple dispensing, and sequential dispensing.
16. The pouch of claim 4, wherein said frangible seal of the third compartment has at least one stress concentrator.
17. The pouch of claim 1, wherein said frangible seal separating said first compartment and said second compartment has at least one stress concentrator.
18. The pouch of claim 1, wherein said flexible film pouch is comprised of a high barrier material.

19. The pouch of claim 1, wherein said flexible film pouch is comprised of a material capable of varying seal strengths.
  20. The pouch of claim 7, wherein unsealed regions extend beyond the dosing channel of said third compartment and are adapted to prevent crimping and wrinkling of the fluid pathway.
- 5